

For:

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit 2132

Confirmation No. 1787

CERTIFICATE OF MAILING

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service on December 21, 2005, as First Class Mail in an envelope addressed to: MAIL STOP AMENDMENT,

COMMISSIONER FOR PATENTS, P.O. BOX 1450,

ALEXANDRIA, V

WATERMARKS Examiner: V. Perungavoor

CONTENT AUTHENTICATION AND

RECOVERY USING DIGITAL

Filed: October 18, 2001

Date: December 21, 2005

William Y. Conwell Attorney for Applicant

INFORMATION DISCLOSURE STATEMENT

MAIL STOP AMENDMENT COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, VA 22313-1450

Applicants submit herewith information of which they are aware, and which they believe may be material to the examination of the application and in respect of which there may be a duty to disclose in accordance with 37 C.F.R. § 1.56. The information is listed on the attached Form PTO-1449 and copies are enclosed.

This information disclosure statement is being filed after the mailing date of a First Office Action on the merits and before the first mailing date of Final Office Action (37 C.F.R. § 1.113), or Notice of Allowance (37 C.F.R. § 1.311).

The submission of information on the attached Form PTO-1449 is not intended as an admission that any such information constitutes prior art against the claims of the application under examination. Applicants do not waive any right to take any appropriate action to antedate or otherwise remove any information from the attached Form PTO-1449.

Please charge the fee of \$180.00 under 37 C.F.R. § 1.17(p) and any additional fees or credit any overpayment in connection with the filing of this Information Disclosure Statement to Deposit Account No. 50-1071.

Date: December 21, 2005

Customer Number 23735

Phone: 503-469-4800 FAX 503-469-4777

12/30/2005 HLE333 00000019 501071 10035830

02 FC:1806 180.00 DA Respectfully submitted,

DIGIMARC CORPORATION

By William V. Conwell

Registration No. 31,943

DEC 2 8 2005

INFORMATION DISCLOSURE STATEMENT

Docket: P0468 Ser. No.: 10/035,830

Applicant: Jun Tian

Filed: October 18, 2001 Group: 2132

US Patent Documents					
Ex'r Initial	Number	Date	Inventor	Class	
	6289108	9/11/01	Rhoads		
	6353672	3/5/02	Rhoads		
	6504941	1/7/03	Wong		
	6614914	9/2/03	Rhoads et al.		
	6633652	10/14/03	Donescu		
	6668246	3/5/02	Rhoads		
	6823076	11/23/04	Cahill et al.		
	20010044899	11/22/01	Levy		
	20020013903	1/31/02	Le Floch		
	20020066019	5/30/02	Amonou et al.		
	20020199106	12/26/02	Hayashi		
	20030048921	3/13/03	Cahill et al.		
	20030081809	5/1/03	Fridrich et al.		
		Foreign Patent D	ocuments		
Ex'r Initial	Number	Date	Country	Class	
	,	Other Refere	nces		
Ex'r Initial	Initial Cite				
	Bartolini et al, "Image Authentication Techniques for Surveillance Applications," Proc. of IEEE, Vol. 89, No. 10, October, 2001, pp. 1403-1418. de Vleeschouwer et al, "Circular Interpretation of Histogram for Reversible Watermarking," IEEE 4 th Workshop on Multimedia Signal Processing, October, 2001. Fridrich et al, "Fragile Authentication Watermark for Images," ICIP 2000, Vancouver, September 10-13, 2000.				
	Fridrich, "Methods for Tamper Detection in Digital Images," Proc. ACM Workshop on Multimedia and Security, Orlando, FL, October 30-31, 1999, pp. 19-23.				
	Fridrich, "Visual Hash for Oblivious Watermarking," Proc. Of SPIE, Vol. 3971 (2000), pp. 286-294. Marvel et al., "Compression-Compatible Fragile and Semi-Fragile Tamper Detection," Proc. Of SPIE, Vol. 3971 (2000), pp. 131-139. Memon et al., "Distortion Bounded Authentication Techniques," Proc. Of SPIE, Vol. 3971 (2000), pp. 164-174. Sun et al., "VQ-Based Digital Signature Scheme for Multimedia Content Authentication," Proc. Of SPIE, Vol. 3971 (2000), pp. 404-416.				
	Wong et al., "Secret and Public Key Authentication Watermarking Schemes That Resist Vector Quantization Attack, Proc. Of SPIE, Vol. 3971 (2000), pp. 417-427.				

Examiner Signature:	Date Considered:	

^{*}Examiner: Initial if considered, whether or not in conformance with MPEP 609; draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.